

## Schedule 80 CPVC Industrial Products & Accessories True Union 2000 Industrial Ball Check Valves



Pressure Rating @ 73°F (23°C), Water  
 1/2" - 4" 235 psi  
 6" - 8" 150 psi  
 All Flanged 150 psi  
 Maximum Service Temperature  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service

All Valves assembled with Silicone-Free,  
 Water Soluble Lubricant  
 Contact Spears® for Pricing & Availability  
 on Custom Elastomer Seals  
 See Ball Valve Accessories & Repair Kits Section  
 for Additional Options and Features

Socket Style

**General Installation Information:** Ball check valves may be installed in either horizontal or vertical position. A minimum of ten (10) pipe diameters' distance maintained from any pump or other source of turbulence. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of flow.

### CPVC Industrial

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket &amp; Threaded Ends</b>					
1/2	4529-005C 79.14	4539-005C 88.10	1	18	606
3/4	4529-007C 94.72	4539-007C 105.27	1	18	606
1	4529-010C 111.77	4539-010C 124.17	1	18	606
1-1/4	4529-012C 192.50	4539-012C 213.69	1	12	606
1-1/2	4529-015C 192.50	4539-015C 213.69	1	8	606
2	4529-020C 257.12	4539-020C 286.48	1	8	606

#### Socket Ends

2-1/2	4522-025C 538.78	4532-025C 598.62	1	0	607
3	4522-030C 715.80	4532-030C 779.63	1	0	607
4	4522-040C 1182.31	4532-040C 1314.51	1	0	607
6	4522-060C 2441.02	4532-060C 2711.90	1	0	559
8	4522-080C 2871.80	4532-080C 3614.85	1	0	559

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

#### Threaded Ends

2-1/2	4521-025C 538.78	4531-025C 598.62	1	0	607
3	4521-030C 713.67	4531-030C 799.69	1	0	607
4	4521-040C 1182.31	4531-040C 1314.51	1	0	607
6	4521-060C 2441.02	4531-060C 2711.90	1	0	559

#### SR Threaded Ends

1/2	4521-005CSR 80.20	4531-005CSR 89.18	1	18	606
3/4	4521-007CSR 97.32	4531-007CSR 107.83	1	18	606
1	4521-010CSR 114.33	4531-010CSR 126.76	1	18	606
1-1/4	4521-012CSR 197.63	4531-012CSR 222.00	1	12	606
1-1/2	4521-015CSR 197.63	4531-015CSR 222.00	1	8	606
2	4521-020CSR 266.10	4531-020CSR 295.47	1	8	606
2-1/2	4521-025CSR 562.06	4531-025CSR 621.60	1	0	607
3	4521-030CSR 562.06	4531-030CSR 837.65	1	0	607
4	4521-040CSR 1209.12	4531-040CSR 1341.34	1	0	607
6	4521-060CSR 2506.84	4531-060CSR 2777.72	1	0	559

### CPVC Industrial

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Spigot Ends</b>					
1/2	4527-005C 79.14	4537-005C 88.10	1	18	606
3/4	4527-007C 94.72	4537-007C 105.27	1	18	606
1	4527-010C 111.77	4537-010C 124.17	1	12	606
1-1/4	4527-012C 192.50	4537-012C 213.69	1	12	606
1-1/2	4527-015C 218.59	4537-015C 213.69	1	8	606
2	4527-020C 257.12	4537-020C 286.48	1	8	606
2-1/2	4527-025C 538.78	4537-025C 598.62	1	0	607
3	4527-030C 700.15	4537-030C 775.16	1	0	607
4	4527-040C 1182.31	4537-040C 1314.51	1	0	607
6	4527-060C 2441.02	4537-060C 2711.90	1	0	559

#### Flanged Ends

1/2	4523-005C 98.27	4533-005C 122.80	1	8	606
3/4	4523-007C 117.24	4533-007C 148.41	1	8	606
1	4523-010C 139.99	4533-010C 172.59	1	8	606
1-1/4	4523-012C 236.12	4533-012C 292.78	1	8	606
1-1/2	4523-015C 252.26	4533-015C 315.22	1	4	606
2	4523-020C 446.04	4533-020C 478.20	1	0	606
2-1/2	4523-025C 808.13	4533-025C 874.29	1	0	607
3	4523-030C 902.35	4533-030C 989.94	1	0	607
4	4523-040C 1492.90	4533-040C 1603.10	1	0	607
6	4523-060C 3980.64	4533-060C 4138.28	1	0	559
8	4523-080C 4582.09	4533-080C 4985.86	1	0	559

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.



## Thermoplastic Valves True Union 2000 Industrial Ball Check Valves



Socket Style

Pressure Rating @ 73°F (23°C), Water  
 1/2" - 4" 235 psi  
 6" - 8" 150 psi  
 All Flanged 150 psi  
 Maximum Service Temperature  
 PVC = 140°F (60°C)  
 CPVC = 200°F (93°C)  
 Temperature/Pressure De-ratings Apply  
 Rated for Vacuum Service

All Valves assembled with Silicone-Free,  
 Water Soluble Lubricant  
 Contact Spears® for Pricing & Availability  
 on Custom Elastomer Seals  
 See Ball Valve Accessories & Repair Kits Section  
 for Additional Options and Features

**General Installation Information:** Ball check valves may be installed in either horizontal or vertical position. A minimum of ten (10) pipe diameters' distance maintained from any pump or other source of turbulence. Check valves MUST be installed with the valve's FLOW arrow pointing in the direction of flow.

### PVC Industrial

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket &amp; Threaded Ends</b>					
1/2	4529-005	4539-005	1	18	604
	<b>53.54</b>	<b>60.34</b>			
3/4	4529-007	4539-007	1	18	604
	<b>63.84</b>	<b>67.38</b>			
1	4529-010	4539-010	1	18	604
	<b>75.93</b>	<b>84.64</b>			
1-1/4	4529-012	4539-012	1	12	604
	<b>110.88</b>	<b>124.45</b>			
1-1/2	4529-015	4539-015	1	8	604
	<b>127.35</b>	<b>141.34</b>			
2	4529-020	4539-020	1	8	604
	<b>173.87</b>	<b>193.33</b>			

### Socket Ends

2-1/2	4522-025	4532-025	1	0	605
	<b>421.53</b>	<b>448.95</b>			
3	4522-030	4532-030	1	0	605
	<b>536.45</b>	<b>601.33</b>			
4	4522-040	4532-040	1	0	605
	<b>790.71</b>	<b>833.07</b>			
6	4522-060	4532-060	1	0	558
	<b>1554.91</b>	<b>1723.26</b>			
8	4522-080	4532-080	1	0	559
	<b>2072.19</b>	<b>2297.00</b>			

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

### Threaded Ends

2-1/2	4521-025	4531-025	1	0	605
	<b>421.53</b>	<b>448.95</b>			
3	4521-030	4531-030	1	0	605
	<b>539.89</b>	<b>605.59</b>			
4	4521-040	4531-040	1	0	605
	<b>790.71</b>	<b>833.07</b>			
6	4521-060	4531-060	1	0	558
	<b>1554.91</b>	<b>1723.26</b>			

### SR Threaded Ends

1/2	4521-005SR	4531-005SR	1	18	604
	<b>54.63</b>	<b>61.41</b>			
3/4	4521-007SR	4531-007SR	1	18	604
	<b>66.44</b>	<b>69.98</b>			
1	4521-010SR	4531-010SR	1	18	604
	<b>78.50</b>	<b>87.23</b>			
1-1/4	4521-012SR	4531-012SR	1	12	604
	<b>116.03</b>	<b>129.57</b>			
1-1/2	4521-015SR	4531-015SR	1	8	604
	<b>135.65</b>	<b>149.63</b>			
2	4521-020SR	4531-020SR	1	8	604
	<b>182.85</b>	<b>202.32</b>			
2-1/2	4521-025SR	4531-025SR	1	0	605
	<b>444.50</b>	<b>471.94</b>			
3	4521-030SR	4531-030SR	1	0	605
	<b>551.13</b>	<b>471.94</b>			
4	4521-040SR	4531-040SR	1	0	605
	<b>817.52</b>	<b>859.90</b>			
6	4521-060SR	4531-060SR	1	0	558
	<b>1599.30</b>	<b>1769.16</b>			

### PVC Industrial

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Spigot Ends</b>					
1/2	4527-005	4537-005	1	18	604
	<b>53.54</b>	<b>60.34</b>			
3/4	4527-007	4537-007	1	18	604
	<b>63.84</b>	<b>67.38</b>			
1	4527-010	4537-010	1	12	604
	<b>75.93</b>	<b>84.64</b>			
1-1/4	4527-012	4537-012	1	12	604
	<b>110.88</b>	<b>124.45</b>			
1-1/2	4527-015	4537-015	1	8	604
	<b>127.35</b>	<b>141.34</b>			
2	4527-020	4537-020	1	8	604
	<b>173.87</b>	<b>193.33</b>			
2-1/2	4527-025	4537-025	1	0	605
	<b>421.53</b>	<b>448.95</b>			
3	4527-030	4537-030	1	0	605
	<b>477.31</b>	<b>602.66</b>			
4	4527-040	4537-040	1	0	605
	<b>790.71</b>	<b>833.07</b>			
6	4527-060	4537-060	1	0	558
	<b>1554.91</b>	<b>1723.26</b>			

### Flanged Ends

1/2	4523-005	4533-005	1	8	604
	<b>75.49</b>	<b>94.74</b>			
3/4	4523-007	4533-007	5	0	604
	<b>91.30</b>	<b>113.62</b>			
1	4523-010	4533-010	5	0	604
	<b>108.21</b>	<b>132.21</b>			
1-1/4	4523-012	4533-012	2	0	604
	<b>133.84</b>	<b>173.01</b>			
1-1/2	4523-015	4533-015	3	0	604
	<b>184.68</b>	<b>200.72</b>			
2	4523-020	4533-020	2	0	604
	<b>260.65</b>	<b>266.83</b>			
2-1/2	4523-025	4533-025	1	0	605
	<b>539.96</b>	<b>628.80</b>			
3	4523-030	4533-030	1	0	605
	<b>755.31</b>	<b>878.30</b>			
4	4523-040	4533-040	1	0	605
	<b>1022.38</b>	<b>1186.70</b>			
6	4523-060	4533-060	1	0	558
	<b>2448.69</b>	<b>2840.47</b>			
8	4523-080	4533-080	1	0	559
	<b>3180.11</b>	<b>3696.56</b>			

8" Venturied valves are 6" ball check valves fitted with 6x8 end connector adapters.

### CPVC Industrial

Size	EPDM	Viton®	Std Pk	Mstr Pk	Disc Code
<b>Socket &amp; Threaded Ends</b>					
1/2	4529-005C	4539-005C	1	18	606
	<b>79.14</b>	<b>88.10</b>			
3/4	4529-007C	4539-007C	1	18	606
	<b>94.72</b>	<b>105.27</b>			
1	4529-010C	4539-010C	1	18	606
	<b>111.77</b>	<b>124.17</b>			